Marshall Randolph

(210) 827-1942   marshall.randolph@gmail.com   **GITHUB**   **LINKEDIN**   SF Bay Area, CA

SKILLS

Ruby, Rails, JavaScript, React, Redux, SQL, Git, HTML5, CSS3, Heroku, Node.js

PROJECTS

MyPx   (Ruby, Rails, React, Redux, JavaScript, CSS, HTML, Active Record, Heroku)   live | github
A showcase for photographers to share their work and connect with other photographers
- Connected application to AWS for image hosting and paired with Cloudinary CDN for dynamic image transformations reducing application load times and preserving image quality based on the presentation need
- Implemented user authentication following best practices including BCrypt hashing algorithm for password management and explicit session expiration
- Utilized flexbox to produce a mosaic tile effect for user posts creating a responsive layout and visually appealing user experience
- Used ORM features of Rails to enable CRUD operations on nested resources
- Created database schema and utilized Active Record associations to simplify application interactions

Outfittr   (MongoDB, Express, React, Node.js, Redux, Heroku)   live | github
An outfit selection tool enabling users to create and save outfits from items they currently own
- Used Mongoose modeling tool to create database schema and interact with MongoDB
- Designed application splash and wardrobe selection pages utilizing Flexbox and ES6 class structures
- Coordinated git pushes with collaborators to reduce merge conflicts and other disruptions to workflow

4096   (JavaScript, CSS, HTML, Canvas)   live | github
An addictive tile game based on the popular 2048 game
- Designed custom movement logic building traversals for each game piece and making appropriate tile combination decisions
- Designed game board exclusively in HTML Canvas to draw board and update using requestAnimationFrame to create smooth re-renders and animations
- Implemented project using ES6 class structure and object oriented design for more readable code and simplified inheritance
- Used webpack to modularize code and ensure project is deployed without errors due to missing requirements

EXPERIENCE

Project Analyst
AmerisourceBergen   Aug 2015 - Jan 2019
- Designed and implemented work order integration solution for shortages and missing items preventing work stoppages and reducing user calls to technical support teams by 90%
- Created custom SQL reports for team use to track error rates and process deviations during site transitions providing site managers with accurate and timely information to enable evidence based coaching moments
- Created classroom curriculum to train 100+ floor associates on new job requirements and actions post WMS conversion.
- Reduced overtime hours by 30% in the first 90 days through task standardization, reduced exception processing, and mentoring supervisors on best practices

Business Systems Analyst II
Charming Charlie   July 2012 - July 2015
- Identified and resolved store allocation defect resulting in $1,000,000 reduction in allocated store inventory
- Designed and implemented reserve allocation and selection process for distribution center(DC) to support shift in company purchasing strategy
- Designed semi-automated markdown workflow completely eliminating pricing errors and reducing analyst workload by 75%
- Subject matter expert for supply chain distribution for Oracle RMS implementation responsible for managing unit, integration and acceptance testing cycles

EDUCATION

Full Stack Web Development - *App Academy | May 2019*
BS Business Administration - *Washington University in St. Louis | 2001 - 2005*